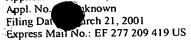
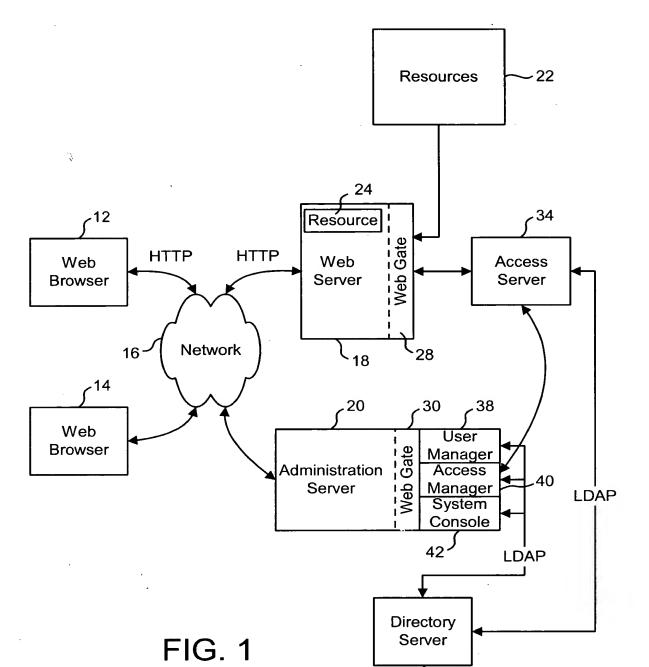
Applicant: Knouse, et al.

Atty: known Phone:

Docket: OBLX-01022US0

Burt Magen (415) 369-9660





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HONDARDS THERE

Sheet 2 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: known Atty: Burt Magen
Filing Date Frch 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

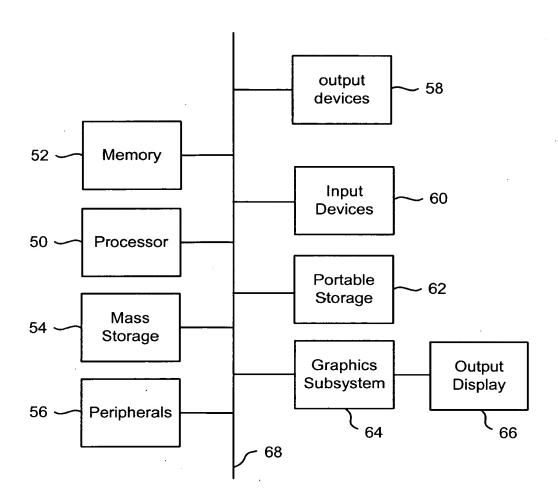


FIG. 2

4

Sheet 3 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. 1 Unknown Atty: Burt Magen
Filing March 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

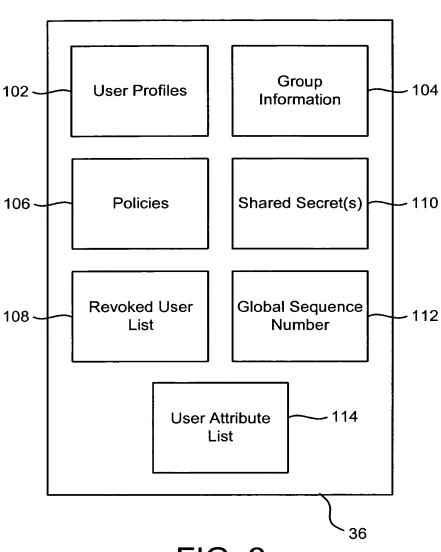


FIG. 3

Sheet 4 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Known Atty: Burt Magen
Filing Date Fich 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

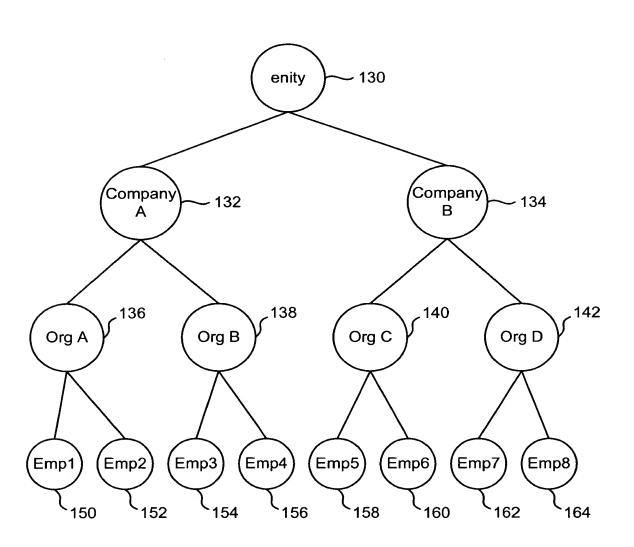


FIG. 4

Sheet 5 of 50 ACCESS SYSTEM INTERFACE Title: Applicant: Knouse, et al.

Appl. No.: mown ch 21, 2001 Filing Date Express Mail No.: EF 277 209 419 US Docket: OBLX-01022US0 Burt Magen Atty: Phone:

(415) 369-9660

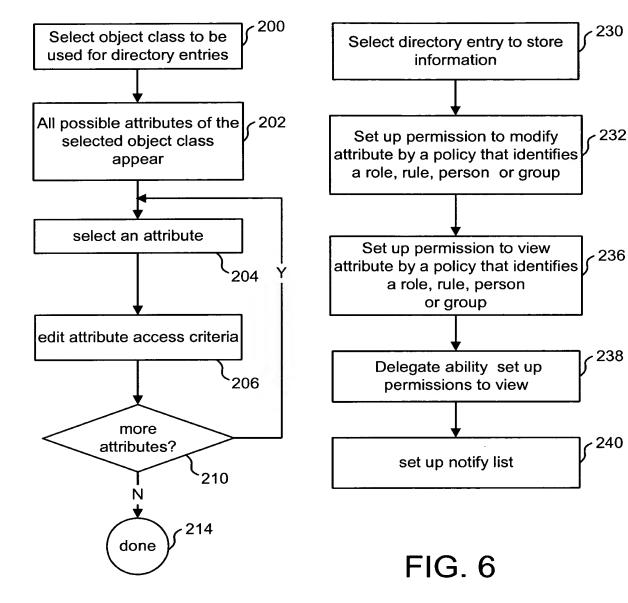
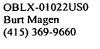


FIG. 5

Sheet 6 of 50 ACCESS SYSTEM INTERFACE Title: Applicant: Knouse, et al. Docket: Appl. No.: Atty:

own h 21, 2001 Filing Date: Phone: Express Mail No.: EF 277 209 419 US

OBLX-01022US0 Burt Magen



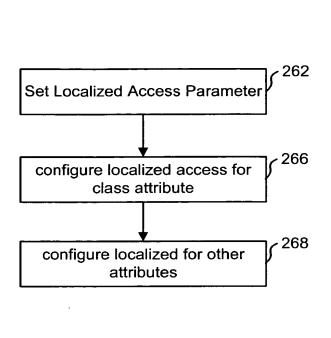


FIG. 7

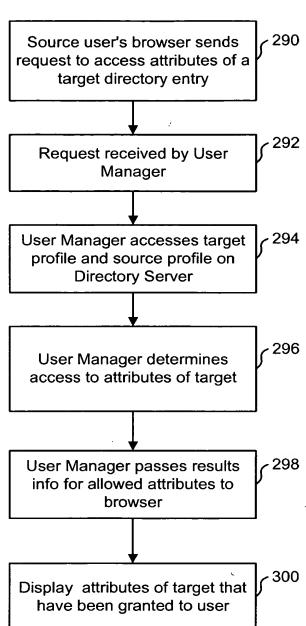
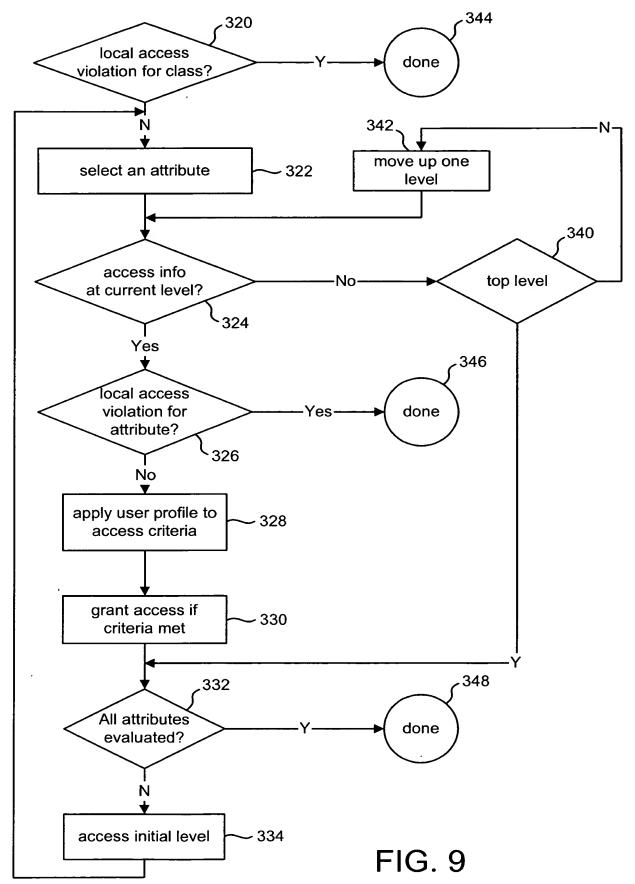


FIG. 8

Sheet 7 of 50 ACCESS SYSTEM INTERFACE Title: OBLX-01022US0 Knouse, et al. Applicant: Docket: Appl. No nknown Atty: Burt Magen Filing Da

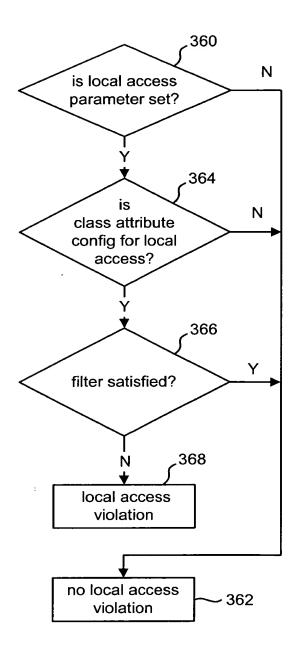




Sheet 8 of 50 ACCESS SYSTEM INTERFACE Title: Knouse, et al. Applicant: Appl. N Jnknown

March 21, 2001 Filing D Express Mail No.: EF 277 209 419 US Docket: Atty: Phone:

OBLX-01022US0 Burt Magen (415) 369-9660



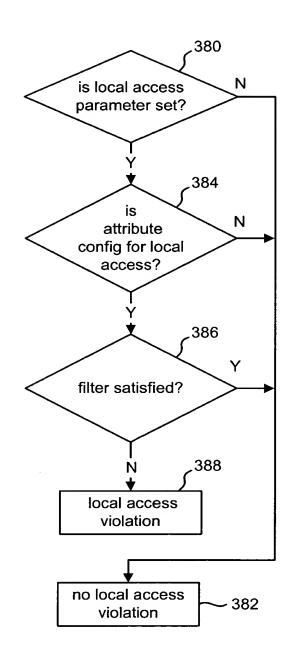


FIG. 10

FIG. 11

Sheet 9 of 50 Title: ACCESS SYSTEM INTERFACE Applicant: Knouse, et al. Docket: OBLX-01022US0 Appl. N Unknown Atty: Burt Magen March 21, 2001 Filing L (415) 369-9660 Phone: Express Mail No.: EF 277 209 419 US

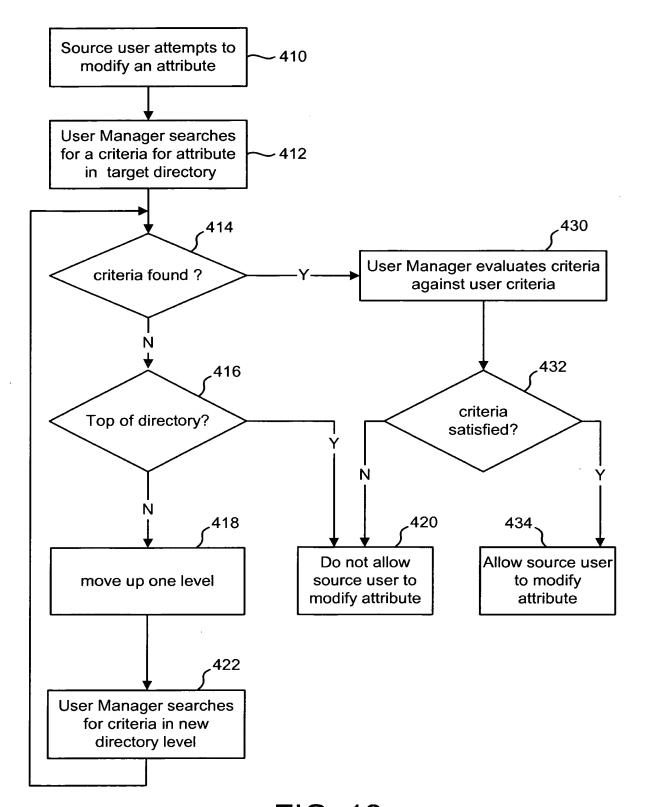


FIG. 12

Sheet 10 of 50 ACCESS SYSTEM INTERFACE Title: OBLX-01022US0 Applicant: Knouse, et al. Docket: Unknown Atty: Burt Magen Appl. March 21, 2001 (415) 369-9660 Phone: Filing¹ Express Mail No.: EF 277 209 419 US

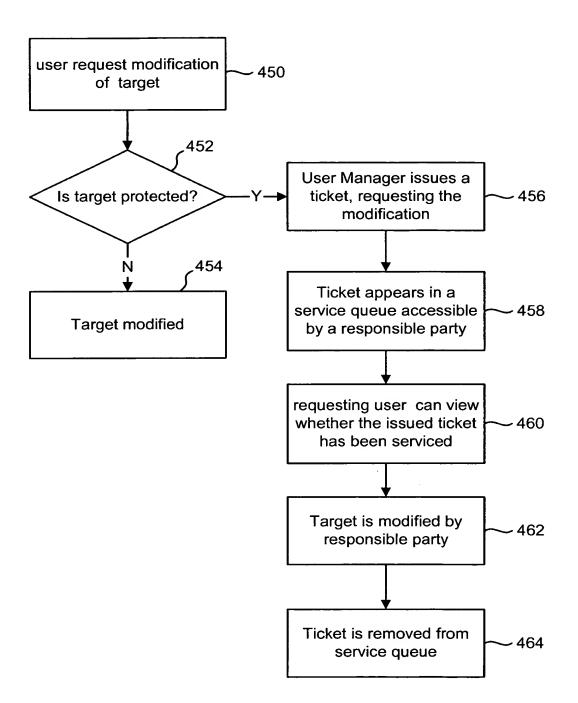


FIG. 13

Sheet 11 of 50
Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. Unknown Atty: Burt Magen
Filing March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

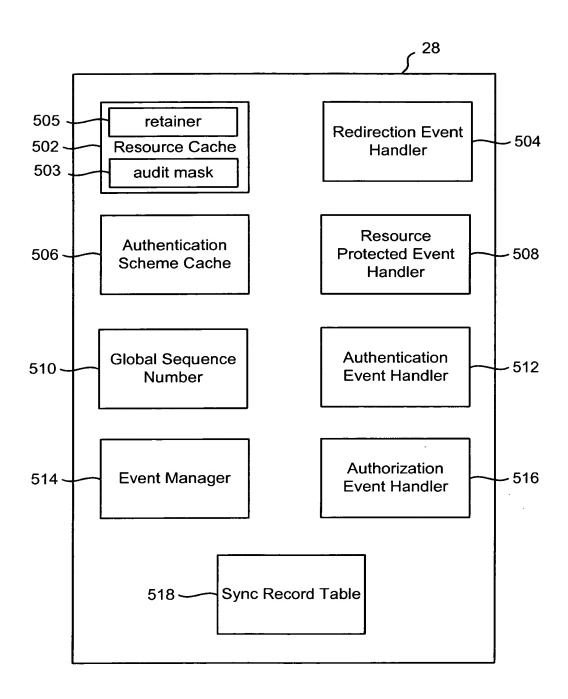


FIG. 14

Sheet 12 of 50 Title: ACCESS SYSTEM INTERFACE Applicant: OBLX-01022US0 Knouse, et al. Docket: Appl. No nknown Atty: Burt Magen Filing Da farch 21, 2001 (415) 369-9660 Phone: Express Mail No.: EF 277 209 419 US

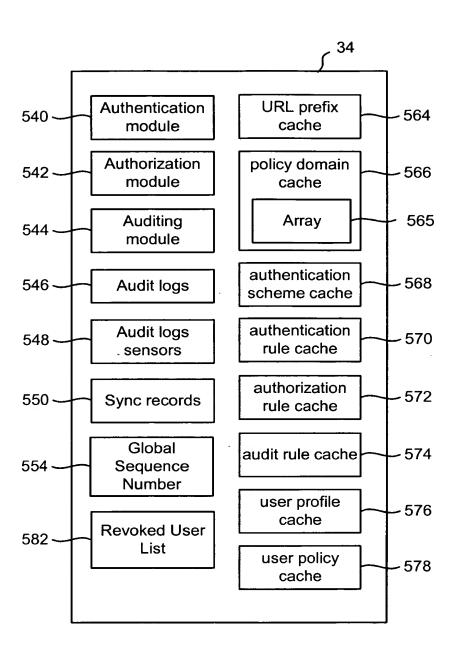


FIG. 15

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Docket:

Atty:

Phone:

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Burt Magen

ACCESS SYSTEM INTERFACE

Knouse, et al.

larch 21, 2001

nknown

Express Mail No.: EF 277 209 419 US

Title:

I.

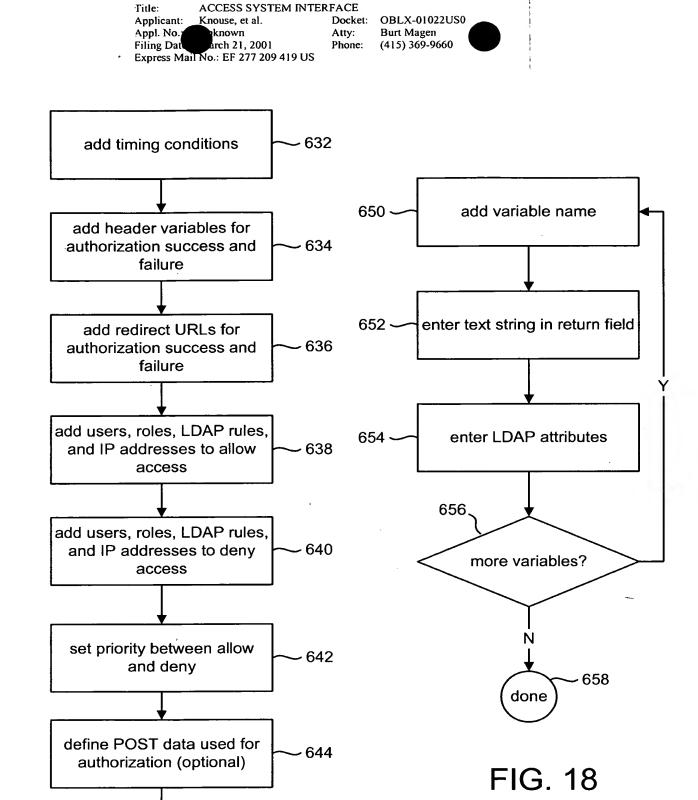
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Applicant:

Appl. No

Filing Da

FIG. 16



- 646

Sheet 14 of 50

FIG. 17

set rule priority relative to

other rules

Sheet 15 of 50 Title: ACCESS SYSTEM INTERFACE OBLX-01022US0 Applicant: Knouse, et al. Docket: Appl. No. nknown Atty: Burt Magen (415) 369-9660 Filing Da arch 21, 2001 Phone: Express Mail No.: EF 277 209 419 US

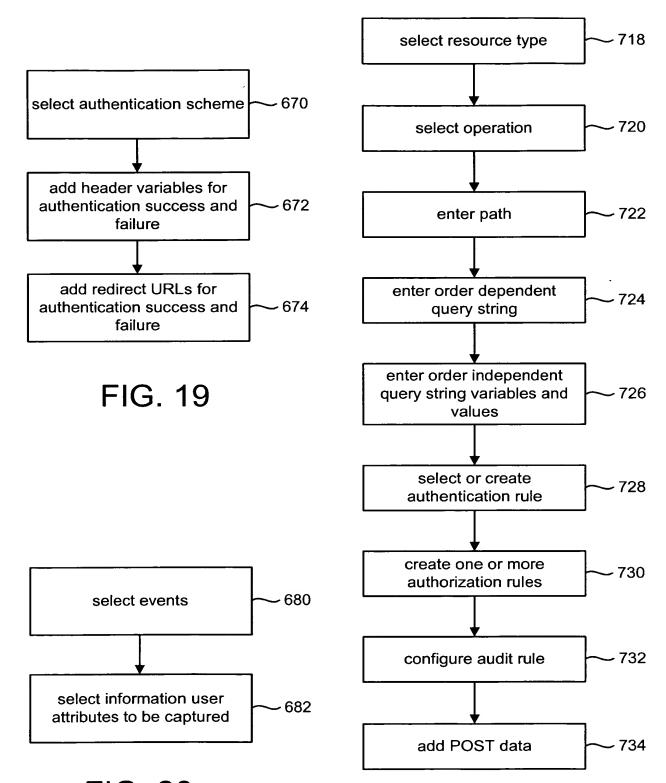
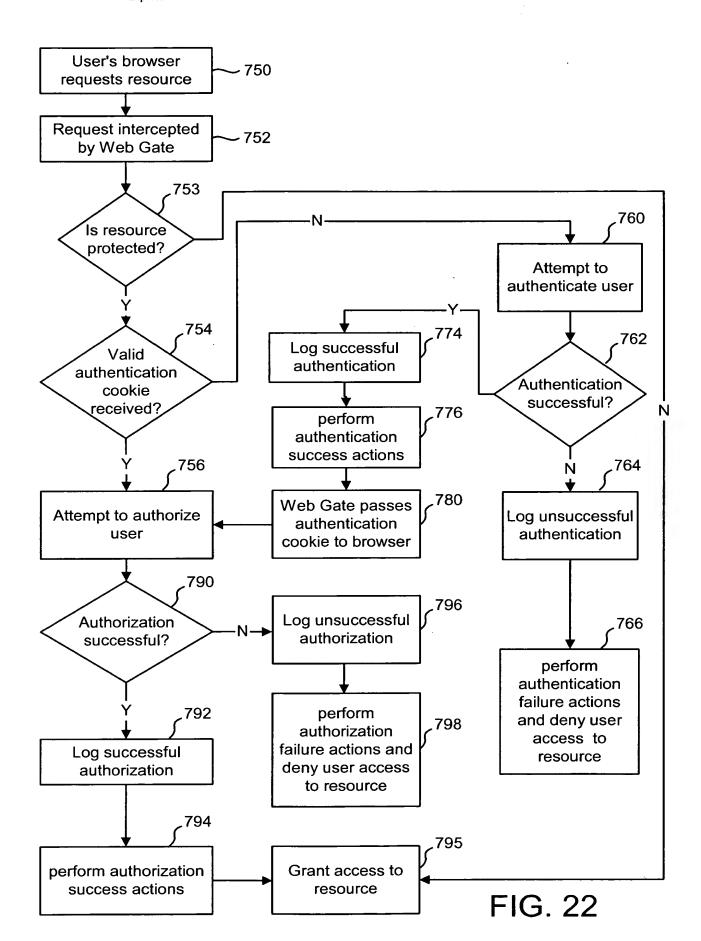


FIG. 20

FIG. 21

<u>i</u>=#

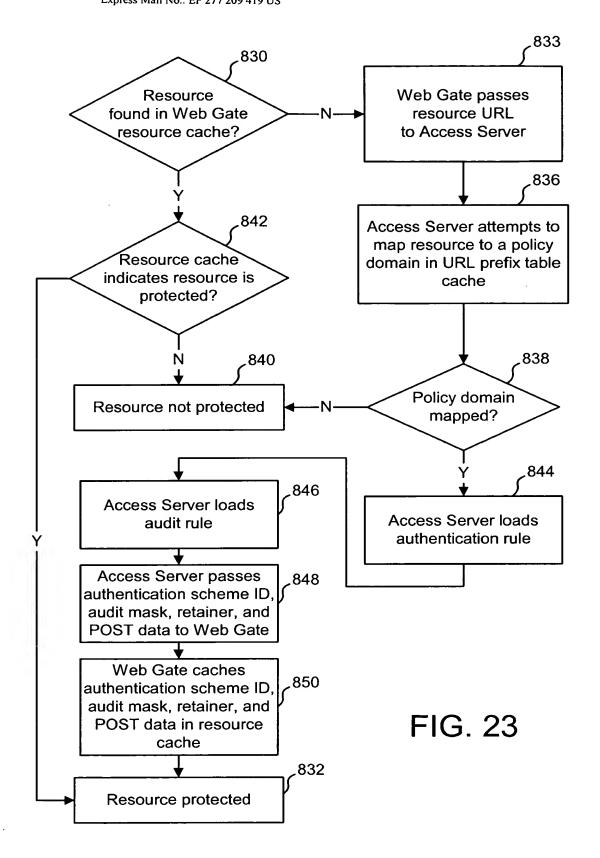
Sheet 16 of 50 ACCESS SYSTEM INTERFACE Title: OBLX-01022US0 Knouse, et al. Docket: Applicant: Burt Magen Appl. No.: nown Atty: h 21, 2001 (415) 369-9660 Filing Date: Phone: Express Mail No.: EF 277 209 419 US



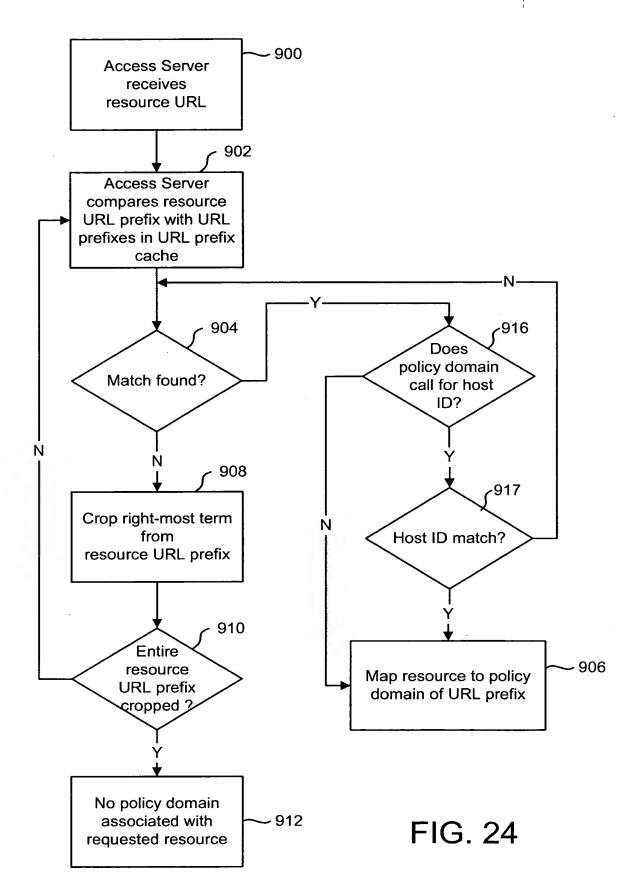
Sheet 17 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: known Atty: Burt Magen
Filing Data rch 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

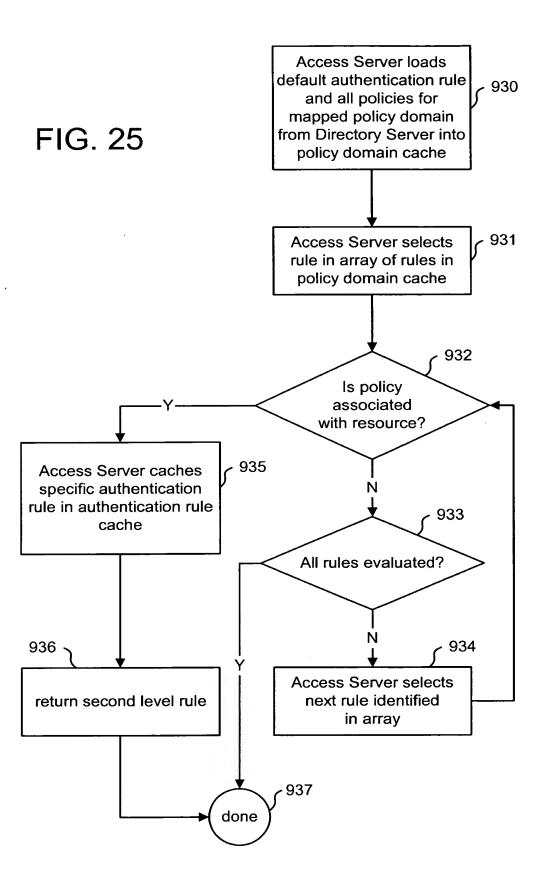


Sheet 18 of 50 ACCESS SYSTEM INTERFACE Title: OBLX-01022US0 Applicant: Knouse, et al. Docket: Appl. No Inknown Burt Magen Atty: Filing D March 21, 2001 (415) 369-9660 Phone: Express Mail No.: EF 277 209 419 US



Sheet 19 of 50 Title: ACCESS SYSTEM INTERFACE Applicant nouse, et al. OBLX-01022US0 Docket: Appl. No. nknown Atty: Burt Magen

Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US Phone: (415) 369-9660

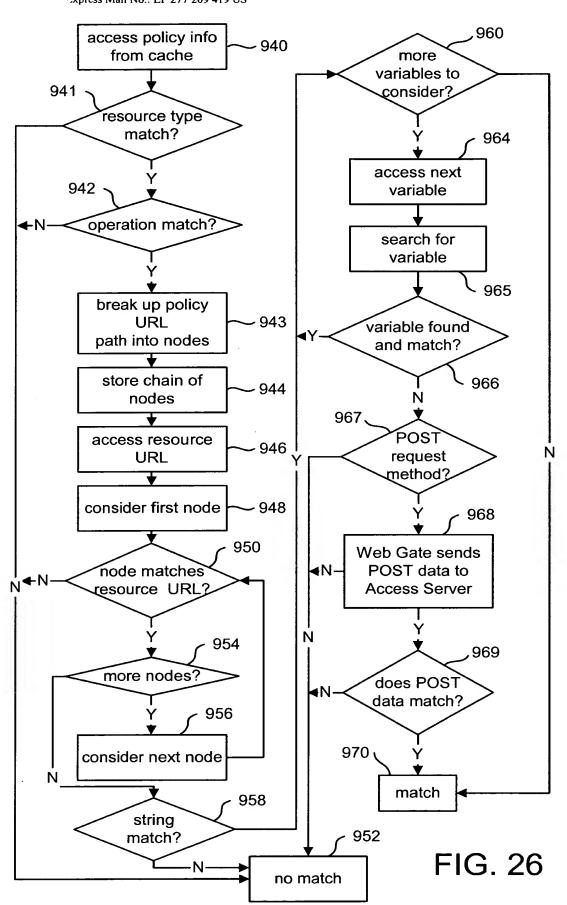


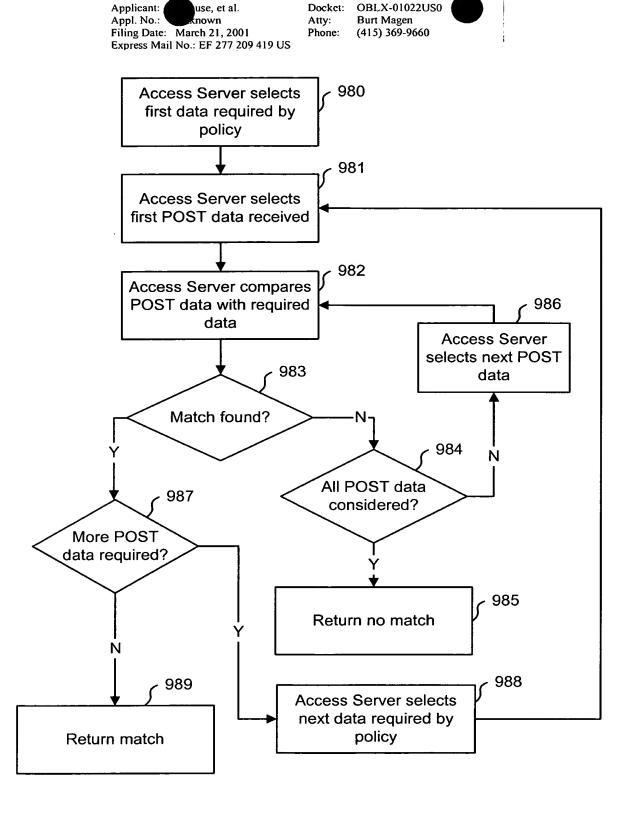
Sheet 20 of 50 ACCESS SYSTEM INTERFACE Title:

Applicant: Appl. No.: Filing Date: March 21, 2001 Docket: OBLX-01022US0 Burt Magen Atty:

Phone: Express Mail No.: EF 277 209 419 US

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ACCESS SYSTEM INTERFACE

Title:

FIG. 26A

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Title: ACCESS SYSTEM INTERFACE
Applicant: ouse, et al. Docket: OBLX-01022US0
Appl. No.: known Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

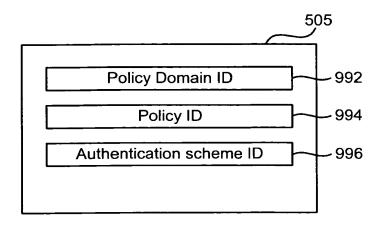


FIG. 27

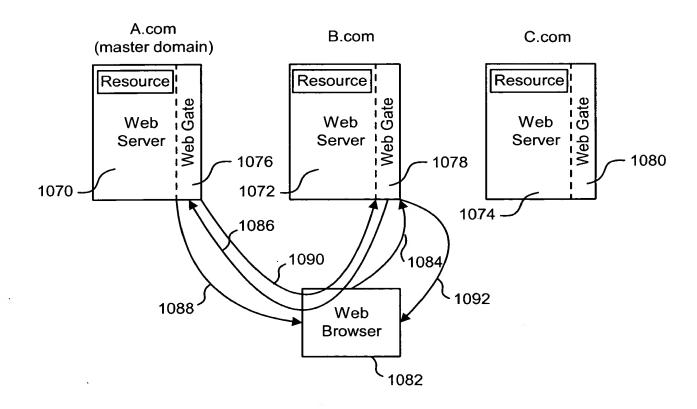
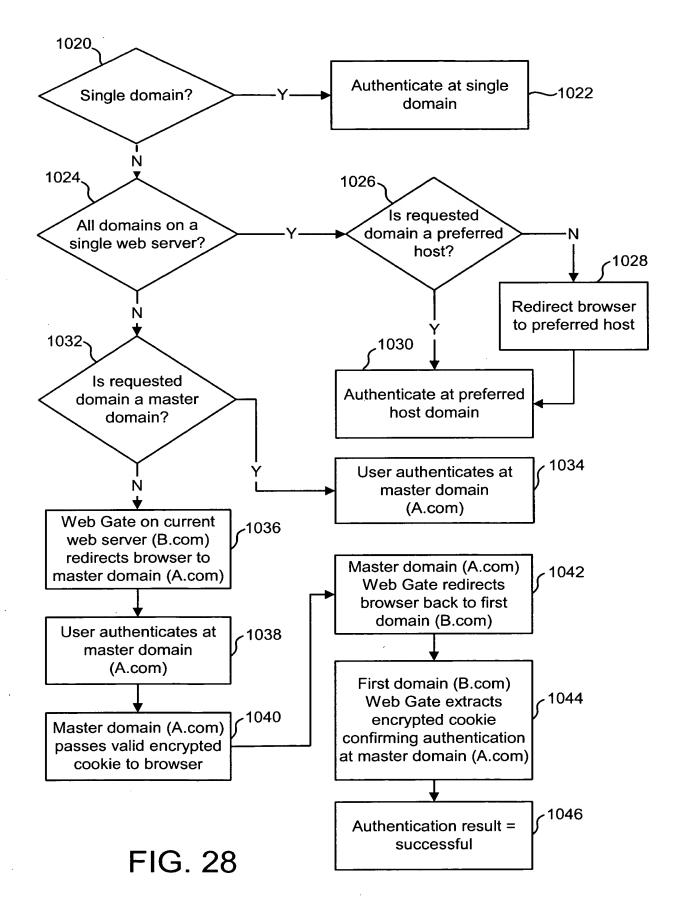


FIG. 29

Sheet 23 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Ouse, et al. Docket: Appl. No.: Access System in the policy of the pol



Sheet 24 of 50
Title: ACCESS SYSTEM INTERFACE
Applic Knouse, et al. Docket: OBLX-01022t
Appl. Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

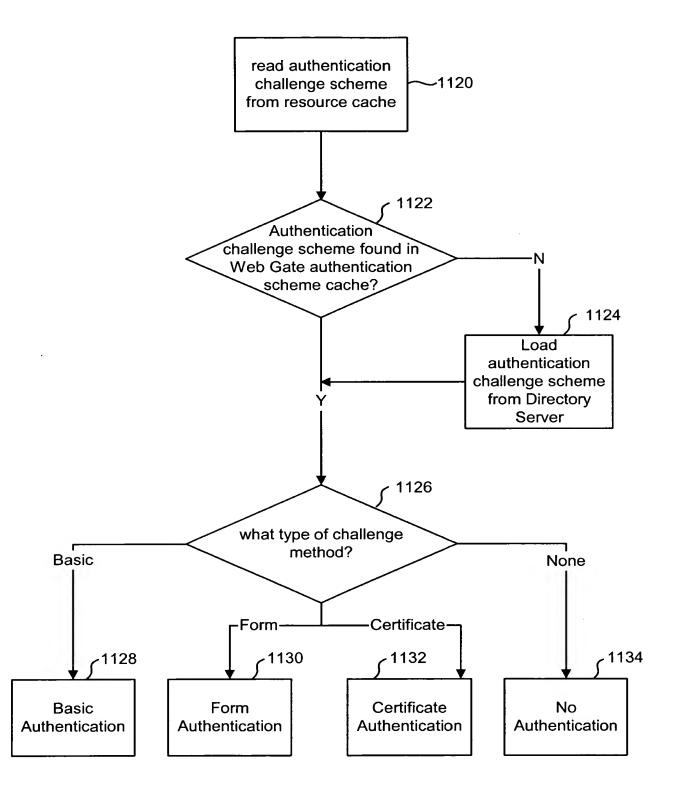


FIG. 30

Sheet 25 of 50

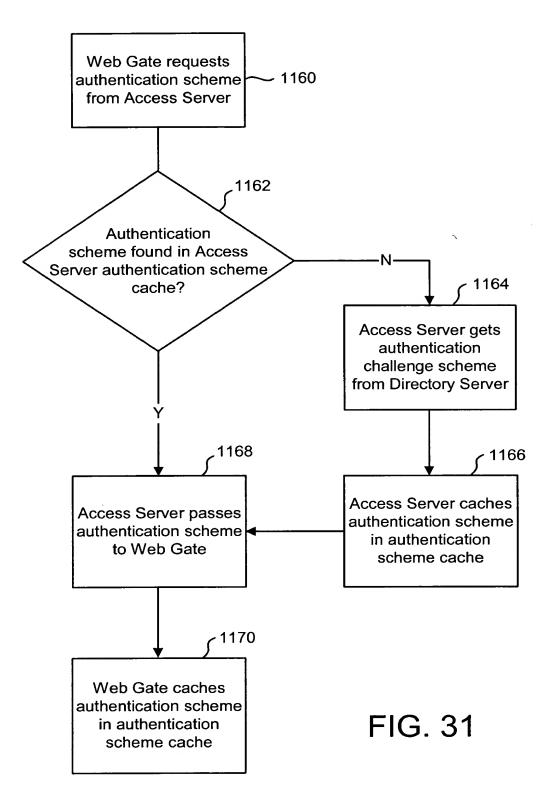
ACCESS SYSTEM INTERFACE Title: Knouse, et al.

Unknown

Atty: Phone:

OBLX-010 Burt Mager (415) 369-9660

Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US



Sheet 26 of 50

Title: ACCESS SYSTEM INTERFACE
Applican Knouse, et al. Docket: OBLX-01022US
Appl. N Jnknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

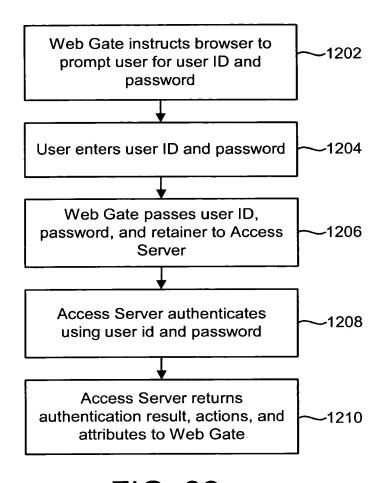


FIG. 32

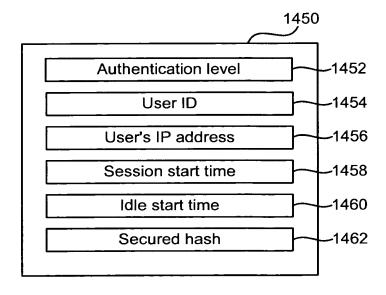


FIG. 37

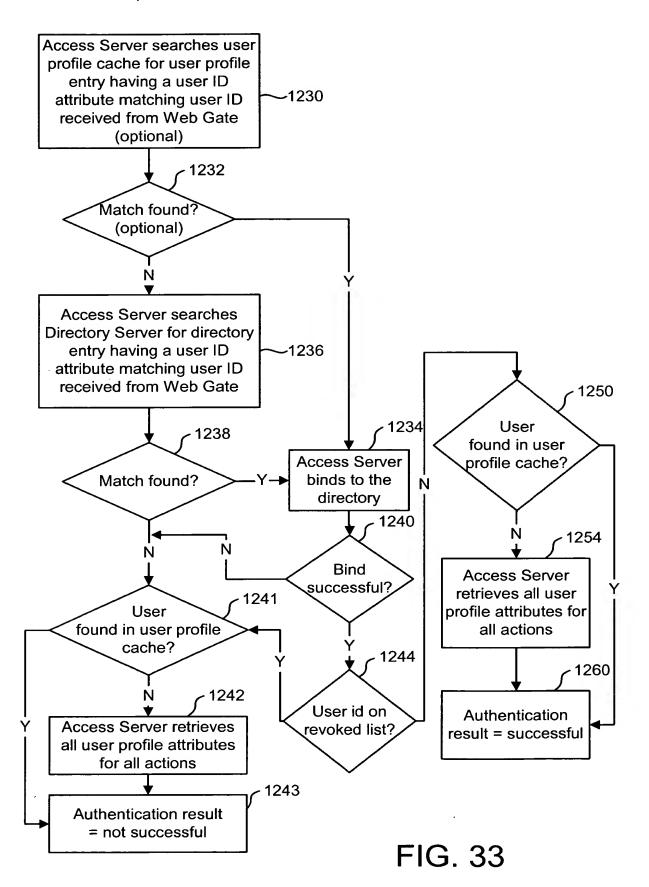
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Phone:

Express Mail No.: EF 277 209 419 US



Sheet 28 of 50 ACCESS SYSTEM INTERFACE Title: Applicant nouse, et al. Docket: OBLX-01022US0 Appl. No ıknown Atty: Burt Magen Filing Date March 21, 2001 (415) 369-9660 Phone: Express Mail No.: EF 277 209 419 US

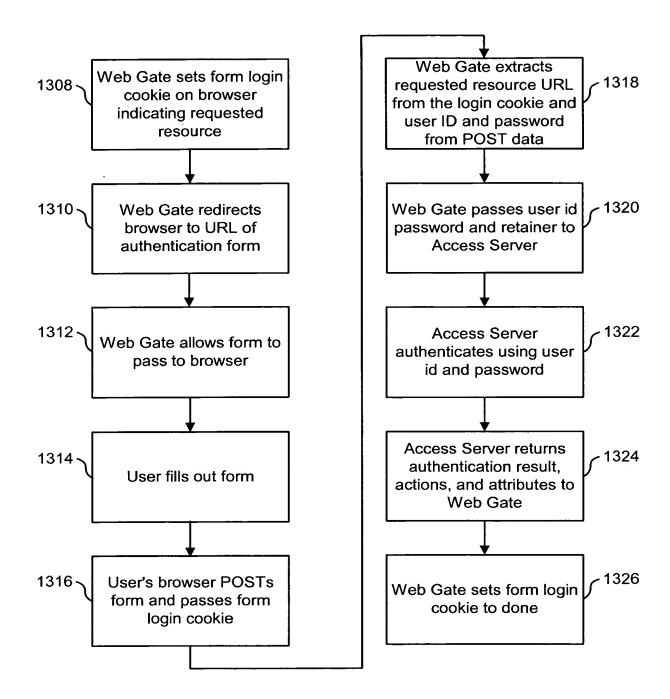
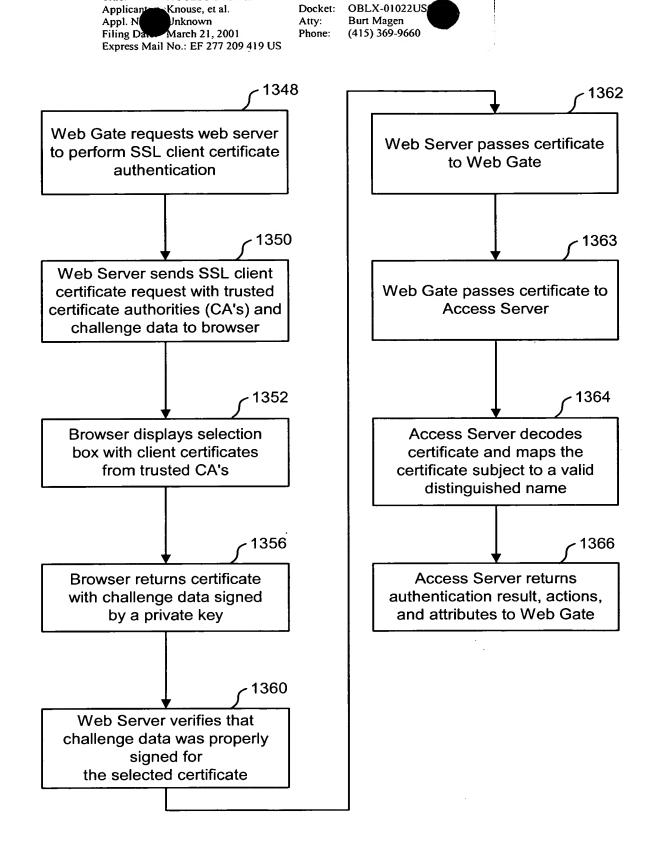


FIG. 34



Sheet 29 of 50

ACCESS SYSTEM INTERFACE

Title:

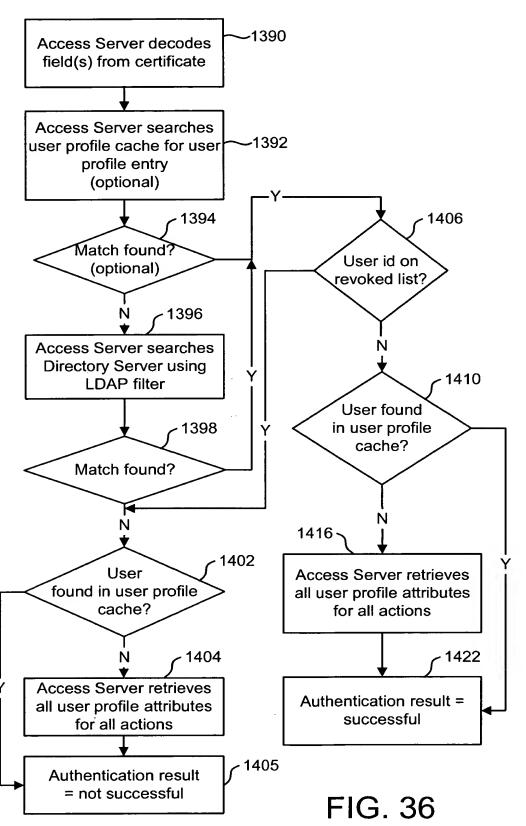
FIG. 35

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Title: ACCESS SYSTEM INTERFACE
Applicant: Konuse, et al. Docket: OBLX-01022US0
Appl. No.: bwn Atty: Burt Magen
Filing Date: Nach 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US



OBLX-01022US0 Docket: Applicant: nouse, et al. Appl. No. known Atty: Burt Magen (415) 369-9660 arch 21, 2001 Filing Date Phone: Express Mail No.: EF 277 209 419 US Web Gate passes 1490 authorization information to Access Server 1494 Authorization rules found in authorization rule cache? 1496 1498 **Access Server reads** Load authorization rules with authorization rule from authorization actions from authorization rule cache **Directory Server** 1500 1504 **Access Server applies** authorization rule to User found in user authorization information profile cache? 1502 **- 1507** Authorization rule satisfied? Access Server retrieves all user profile attributes for all actions Ν 1508 1509 communicate to Web Gate More rules successful authorization, remain? actions, and attributes Ν 1511 1510 Access Server retrieves all Jser found in user user profile attributes for all profile cache? actions 1512 communicate to Web Gate unsuccessful authorization, actions, and attributes FIG. 38

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ACCESS SYSTEM INTERFACE

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Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No pknown Atty: Burt Magen
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Does request method = POST?
(optional)

Web Gate passes POST data and retainer to Access Server (optional)

Web Gate passes request method, resource URL, user's dn, user's ip address, time, and retainer to Access Server

FIG. 39

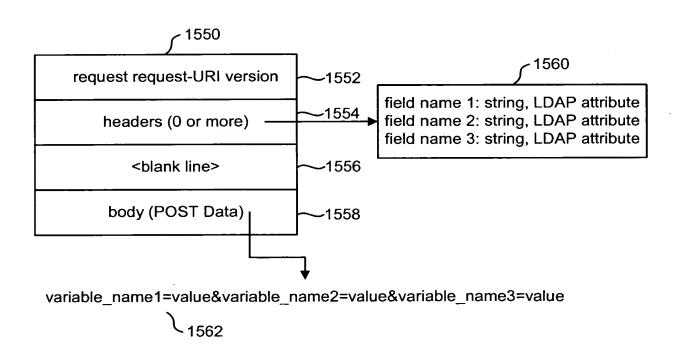


FIG. 40

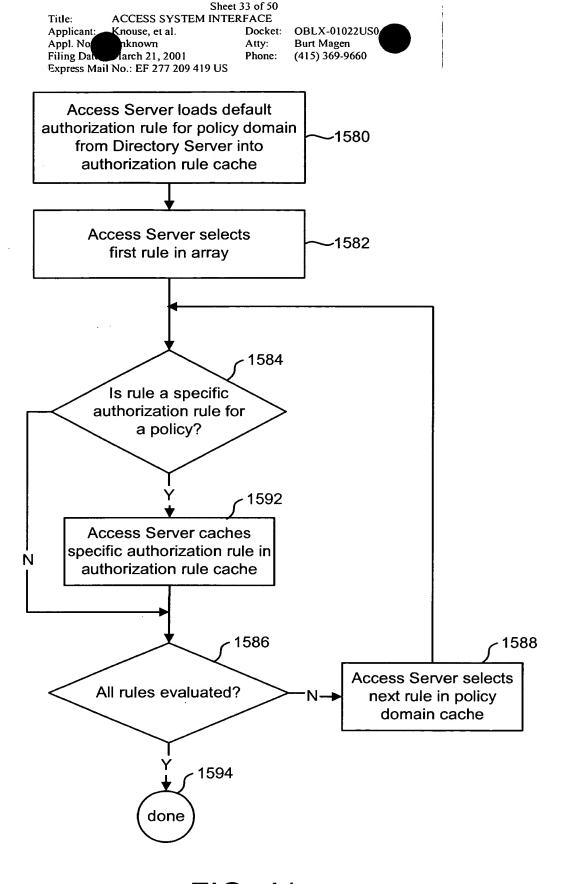
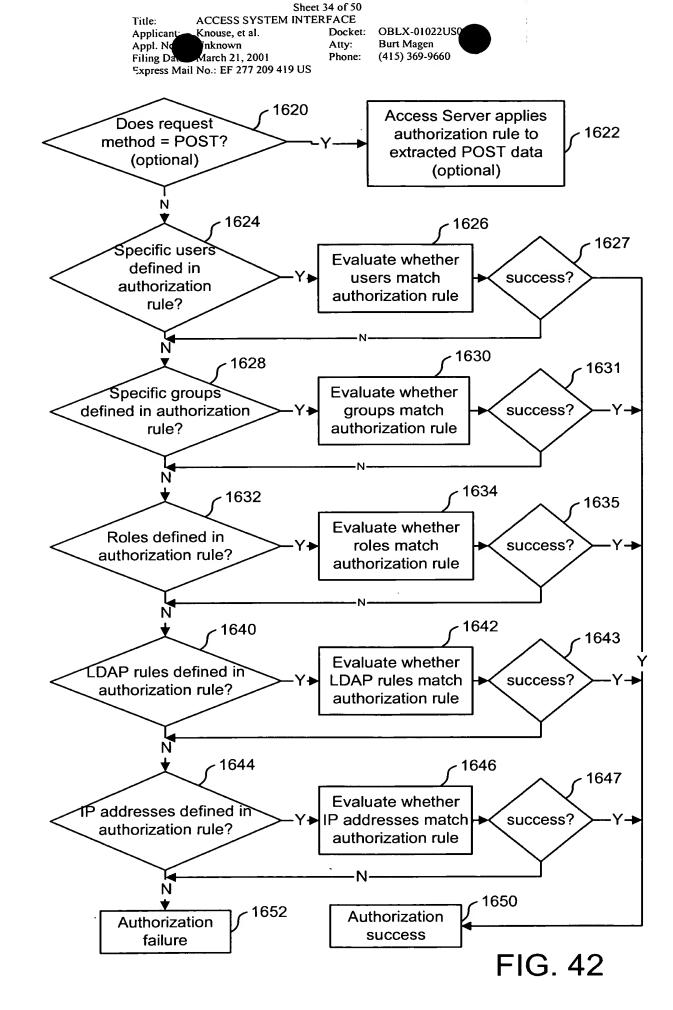


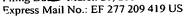
FIG. 41



Sheet 35 of 50 ACCESS SYSTEM INTERFACE Title: Applicant Knouse, et al.

Appl. N Unknown Filing Da March 21, 2001 Docket: OBLX-01022US Burt Magen (415) 369-9660 Phone:

Atty:



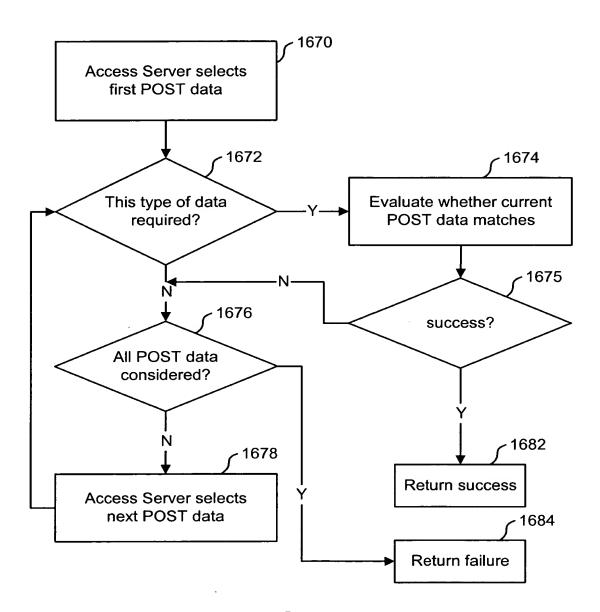


FIG. 43

Sheet 36 of 50 ACCESS SYSTEM INTERFACE Title: Applicant

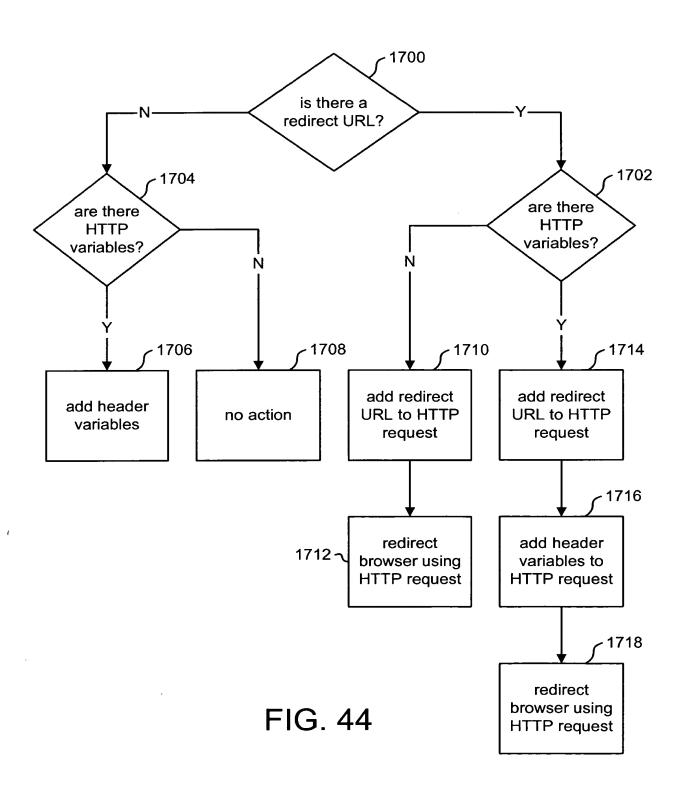
Knouse, et al. Unknown Filing I March 21, 2001

Appl.

Docket: OBLX-01022U Atty: Phone:

Burt Magen (415) 369-9660

Express Mail No.: EF 277 209 419 US



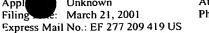
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Docket: Atty: Phone:

OBLX-01022 Burt Magen (415) 369-9660



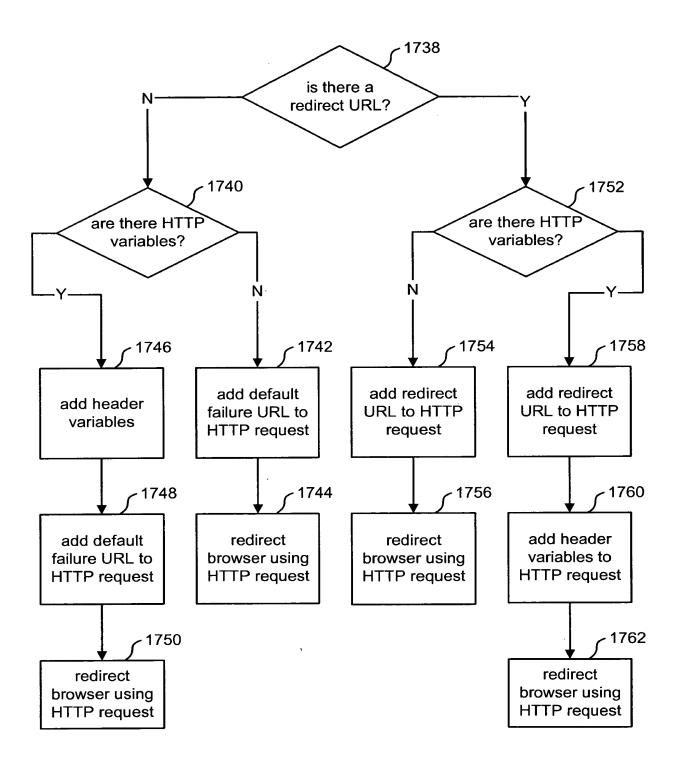


FIG. 45

Sheet 38 of 50

Title: ACCESS SYSTEM INTERFACE
Applicant: Appl. No.: hown Atty: Burt Magen
Filing Date: Acreh 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

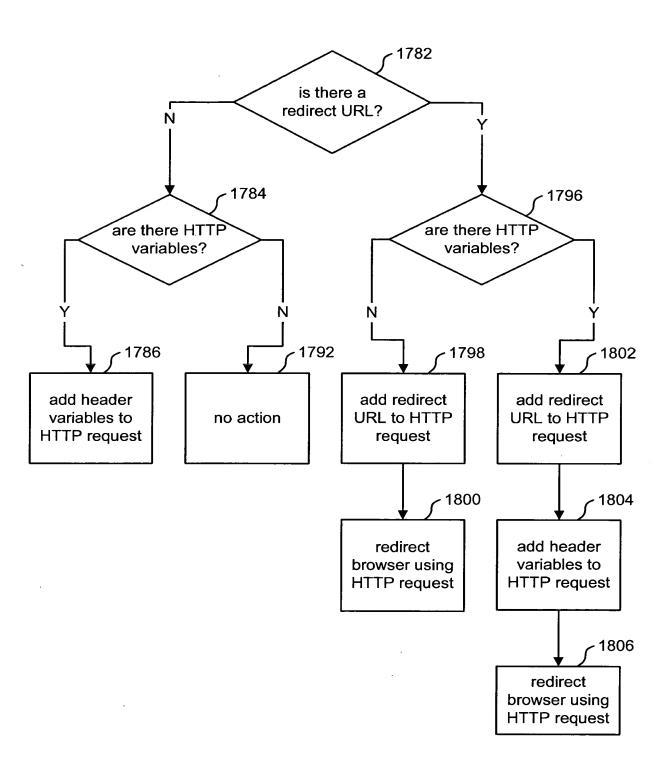


FIG. 46

Applicant:

Knouse, et al. Unknown

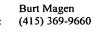
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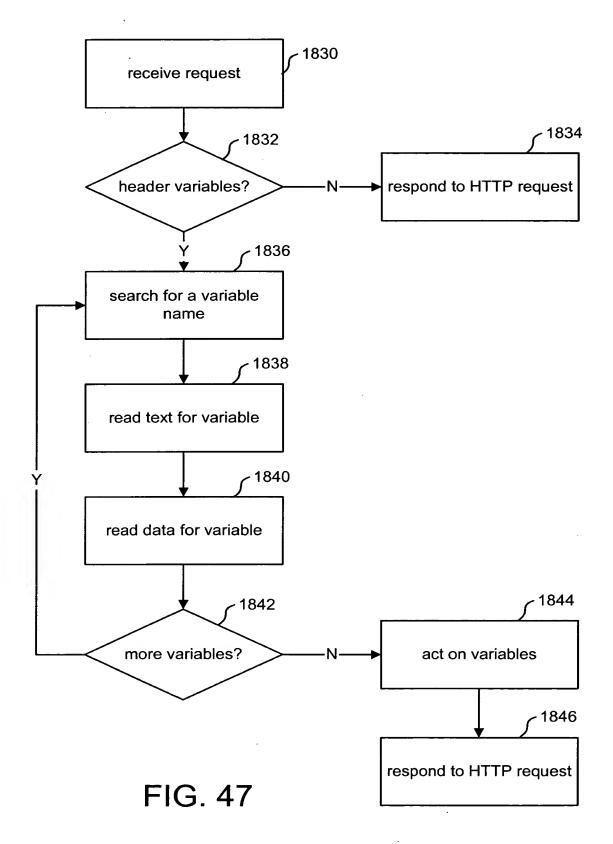
Docket: OBLX-01022US0 Burt Magen

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arch 21, 2001 .: EF 277 209 419 US

Phone:





Sheet 40 of 50 ACCESS SYSTEM INTERFACE Title: Knouse, et al.

Applicant: Appl. No.: Unknown March 21, 2001 il No.: EF 277 209 419 US Expr

Atty: Phone:

Docket: OBLX-01022US0 Burt Magen (415) 369-96

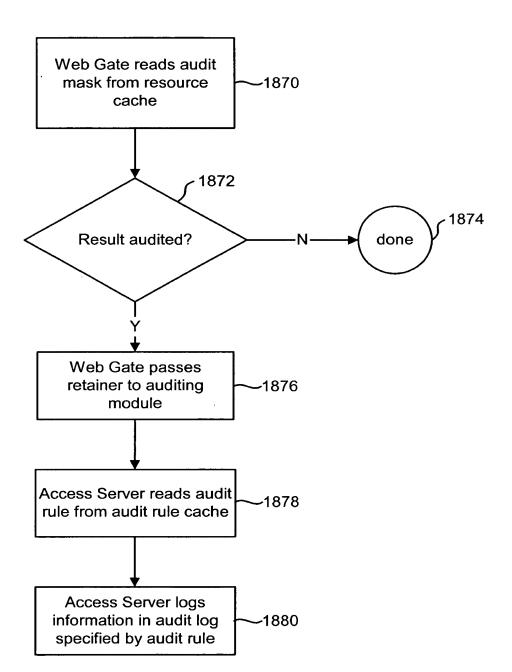


FIG. 48

11

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Fill Cate: March 21, 2001 Phone: (415) 369-

Mail No.: EF 277 209 419 US

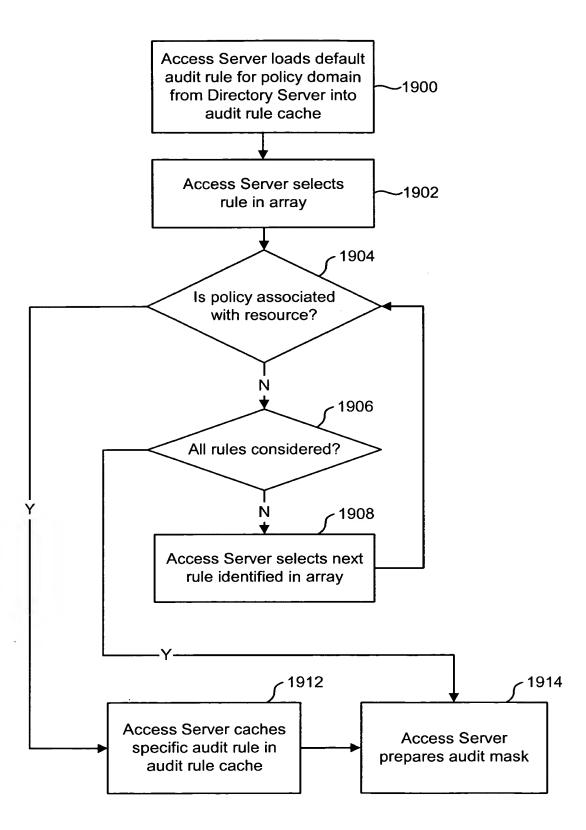
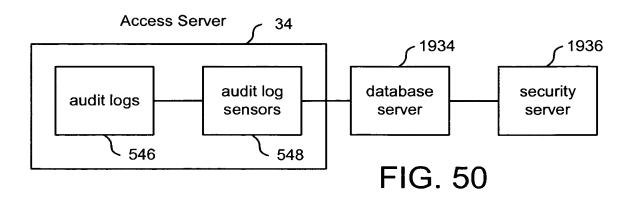


FIG. 49

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Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Fill Mate: March 21, 2001 Phone: (415) 369-9
Ex Mail No.: EF 277 209 419 US



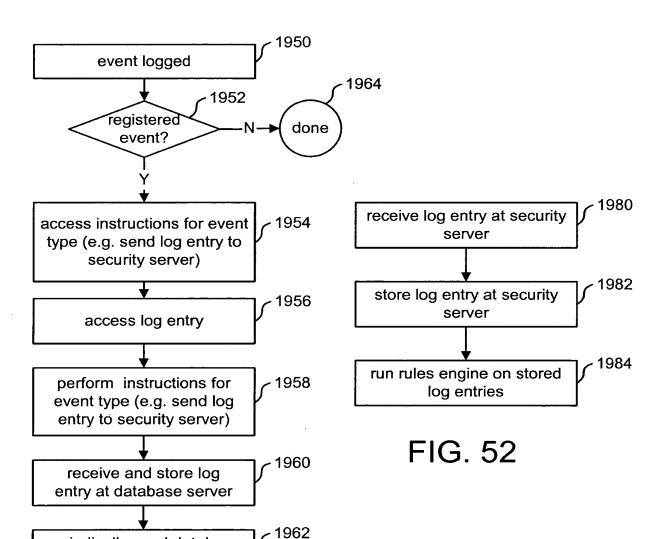


FIG. 51

periodically send database to security server

Sheet 43 of 50 Title: ACCESS SYSTEM INTERFACE Docket: OBLX-01022US0 Applicant: Knouse, et al. Appl. No.: Unknown Atty: Burt Magen March 21, 2001 Filing Phone: (415) 369-966 No.: EF 277 209 419 US

Expre

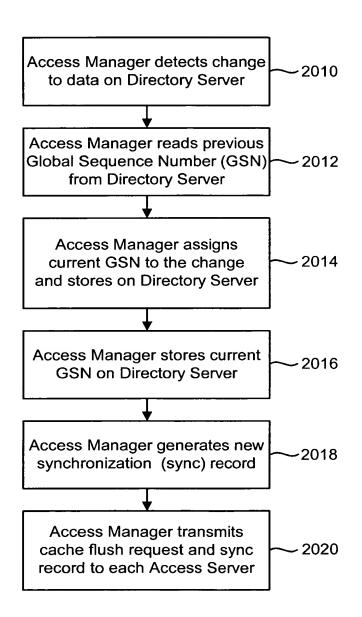


FIG. 53

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket:

Appl. No.: Unknown Figure Pate: March 21, 2001 B. Mail No.: EF 277 209 419 US Docket: OBLX-01022US0 Atty: Burt Mage Phone: (415) 369

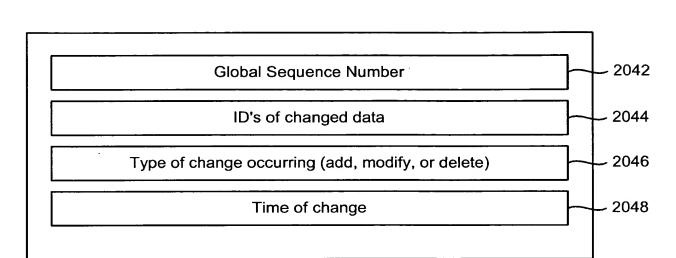


FIG. 54

~2040

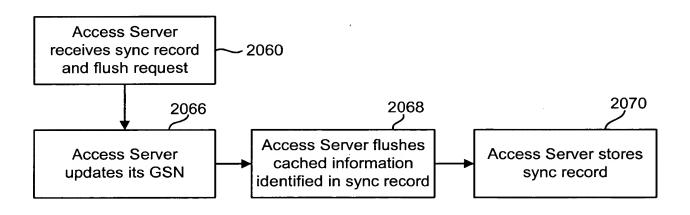


FIG. 55

Sheet 45 of 50 ACCESS SYSTEM INTERFACE Title: Applicant: Knouse, et al.

Appl. No.: Unknown March 21, 2001 Filip ail No.: EF 277 209 419 US Exp

Atty: Phone:

Docket: OBLX-01022US0 Burt Magen (415) 369-96

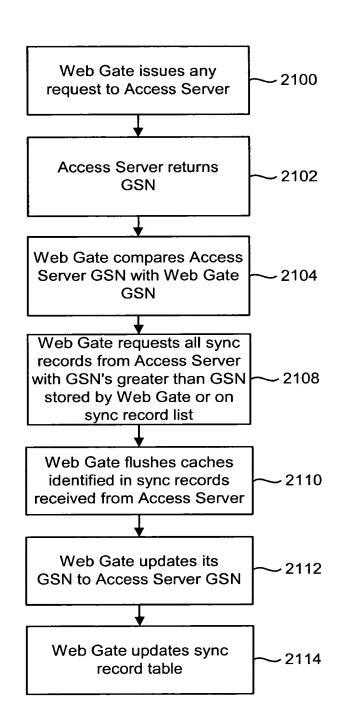
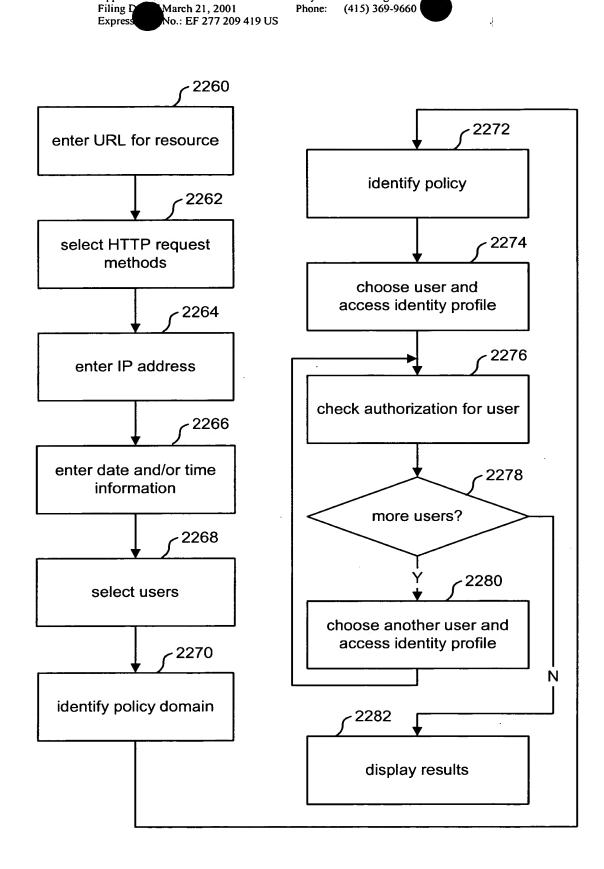


FIG. 56



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Atty:

Docket: OBLX-01022US0

Burt Magen

ACCESS SYSTEM INTERFACE

Knouse, et al.

Unknown

Title:

Applicant:

Appl. No.:

FIG. 57

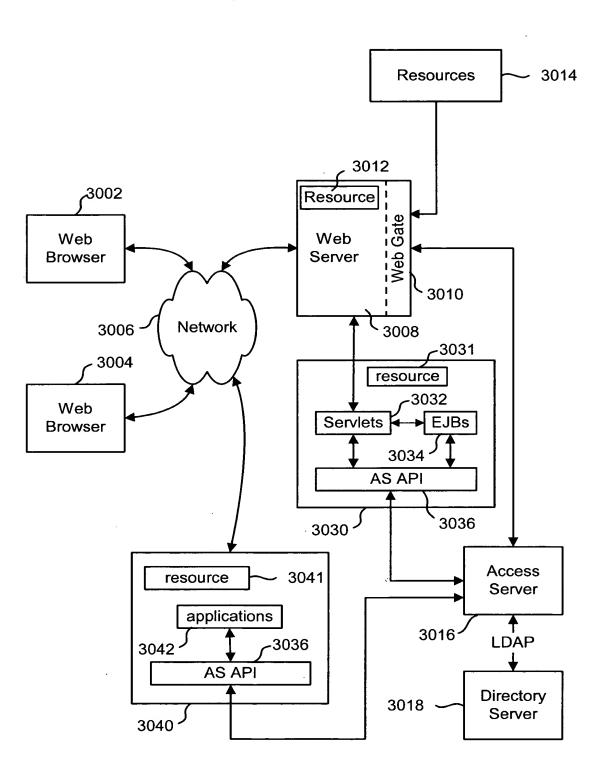
Sheet 47 of 50 ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Appl. No.: Unknown Filing Da Harch 21, 200

Docket: Atty: Phone: OBLX-01022US0 Burt Magen (415) 369-9660

Filing Da Jarch 21, 2001 Express 100.: EF 277 209 419 US

FIG. 58



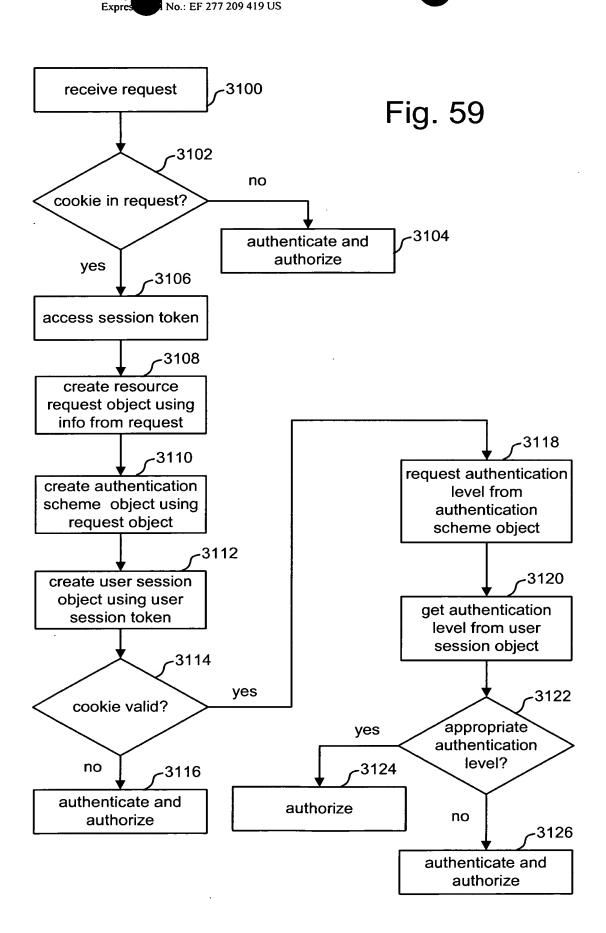
Sheet 48 of 50 ACCESS SYSTEM INTERFACE

Title: Applicant: Knouse, et al. Appl. No .: Unknown Filing

March 21, 2001 No.: EF 277 209 419 US

Atty: Phone:

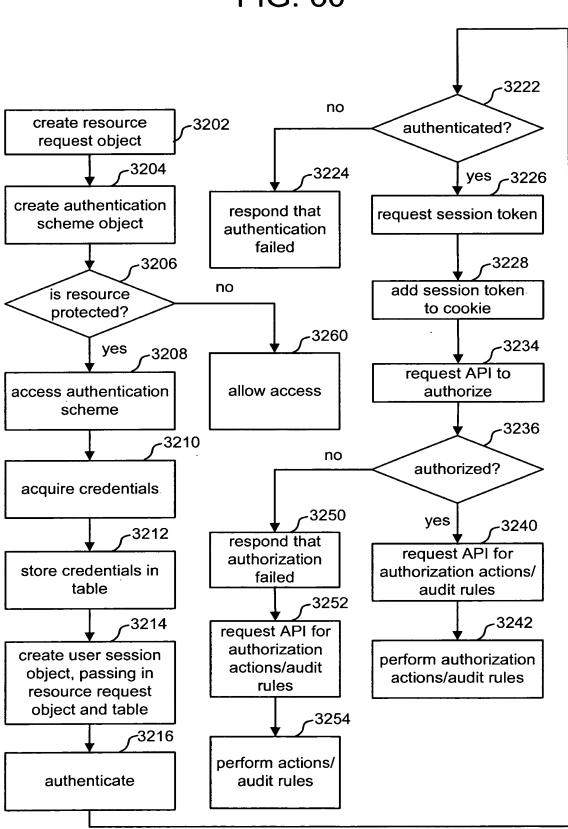
Docket: OBLX-01022US0 Burt Magen (415) 369-9660



Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket

Appl. No.: Unknown Filin March 21, 2001 Expr. Fail No.: EF 277 209 419 US Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-96

FIG. 60



Sheet 50 of 50 ACCESS SYSTEM INTERFACE

Title: ACCESS SYS
Applicant: Knouse, et al.
Appl. No.: Unknown
Filing D

Docket: OBLX-01022US0 Atty: Burt Magen

Filing D: (Jarch 21, 2001 Express 100: EF 277 209 419 US

